

**AMENDMENTS TO THE CLAIMS:**

JC17 Rec'd PCT/PTO 13 JUN 2005

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-8. (Canceled)

9. (New) A piezoelectric actuator comprising
- a multilayered structure of piezoelectric layers (2) with inner electrodes (3, 4) interspersed between the piezoelectric layers, and
- outer electrodes (5, 6) and
- layers of an adhesive band of insulating material contacting the inner electrodes (3, 4) on alternating sides, wherein the regions between the outer electrodes (5, 6) are provided with a suitable insulation (7, 8),
- the insulation being a layer covering over a predetermined region between the outer electrodes (5, 6).
10. (New) The piezoelectric actuator according to claim 9, wherein the adhesive band is an adhesive tape (7, 8).
11. (New) The piezoelectric actuator according to claim 9, wherein the band or adhesive tape (7, 8) is comprised of a precisely measured, prefabricated material.

12. **(New)** The piezoelectric actuator according to claim 10, wherein the band or adhesive tape (7, 8) is comprised of a precisely measured, prefabricated material.
13. **(New)** A method for producing a piezoelectric actuator according to claim 9, the method comprising sticking or rolling the band (7, 8) in place in a bubble-free manner.
14. **(New)** A method for producing a piezoelectric actuator according to claim 10, the method comprising sticking or rolling the band (7, 8) in place in a bubble-free manner.
15. **(New)** A method for producing a piezoelectric actuator according to claim 11, the method comprising sticking or rolling the band (7, 8) in place in a bubble-free manner.
16. **(New)** The method for producing a piezoelectric actuator according to claim 9, comprising the step of  
melting vulcanizing or sintering the band (7, 8) in place in a bubble-free manner.
17. **(New)** The method for producing a piezoelectric actuator according to claim 10, comprising the step of  
melting vulcanizing or sintering the band (7, 8) in place in a bubble-free manner.
18. **(New)** The method for producing a piezoelectric actuator according to claim 11, comprising the step of  
melting vulcanizing or sintering the band (7, 8) in place in a bubble-free manner.

19. **(New)** The method according to claim 13, wherein the band (7, 8) is applied through local or general area heating and/or pressure or rolling.

20. **(New)** The method according to claim 16, wherein the band (7, 8) is applied through local or general area heating and/or pressure or rolling.

21. **(New)** The method according to claim 19, wherein the tolerance-encumbered shape of the corners or edges (9, 10, 11, 12) is subjected to a shaping procedure at least at the corners or edges (9, 10, 11, 12) of the piezoelectric actuator (1).

22. **(New)** The method according to claim 20, wherein the tolerance-encumbered shape of the corners or edges (9, 10, 11, 12) is subjected to a shaping procedure at least at the corners or edges (9, 10, 11, 12) of the piezoelectric actuator (1).

23. **(New)** The method according to claim 13, wherein the band (7, 8) is supplied in the form of a strip on a roll and is cut to length before or during application onto the piezoelectric actuator (1).

24. **(New)** The method according to claim 16, wherein the band (7, 8) is supplied in the form of a strip on a roll and is cut to length before or during application onto the piezoelectric actuator (1).

25. **(New)** The method according to claim 19, wherein the band (7, 8) is supplied in the form of a strip on a roll and is cut to length before or during application onto the piezoelectric actuator (1).

26. **(New)** The method according to claim 21, wherein the band (7, 8) is supplied in the form of a strip on a roll and is cut to length before or during application onto the piezoelectric actuator (1).